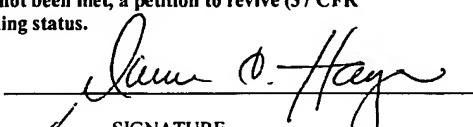


FORM PTO-1390 (REV. 12-2001) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER 213202.00510 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/500711
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/CA03/00006	06 January 2003 (06.01.2003)	04 January 2002 (04.01.2002)
TITLE OF INVENTION: SAMPLE IDENTIFICATION, CHEMICAL COMPOSITION ANALYSIS AND TESTING OF PHYSICAL STATE OF THE SAMPLE USING SPECTRA OBTAINED AT DIFFERENT SAMPLE TEMPERATURES		
APPLICANT(S) FOR DO/ES/US: Romuald PAWLUCZYK, Karl SAMPARA, Sheu-Ju HU, and Mang LI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1.<input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. The US has been elected by the expiration of 19 months from the priority date (Article 31).</p>		
<p>5.<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). <p>6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <ol style="list-style-type: none"> is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 		
<p>7.<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ol style="list-style-type: none"> are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <p>8. An English language translation of the amendments to the claims under the PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. An English language version of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p>Items 11 to 20 below concern document(s) or information included:</p> <p>11.<input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13.<input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. A substitute specification.</p> <p>16. A change of power of attorney and/or address letter.</p> <p>17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825.</p> <p>18. A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. Other items or information: Form PTO-1449; International Search Report; return receipt postcard</p>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5 10/1500711	INTERNATIONAL APPLICATION NO .PCT/CA03/00006	ATTORNEY'S DOCKET NUMBER 213202.00510		
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY		
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):				
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO.....		\$1080.00		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....		\$920.00		
International preliminary examination (37 CFR 1.482) paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....		\$770.00		
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....		\$730.00		
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)		\$100.00		
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 920.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		20 30 \$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	12-20 =	0	x \$18.00	\$
Independent claims	2 - 3 =	0	x \$86.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$290.00	\$	
TOTAL OF ABOVE CALCULATIONS =		\$920.00		
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		- \$460.00		
SUBTOTAL =		\$460.00		
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).		20 30 \$		
TOTAL NATIONAL FEE =		\$460.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$		
TOTAL FEES ENCLOSED=		\$460.00		
		Amount to be refunded: \$		
		charged: \$		
<p>a. A check in the amount of \$ _____ to cover the fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>50-1710</u> in the amount of <u>\$460.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1710</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>				
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Dawn C. Hayes KATTEN MUCHIN ZAVIS ROSENMAN Customer No. 27160 525 West Monroe Street, Suite 1600 Chicago, Illinois, 60661-3693 Fax: 312.902.1061 Tel: 202.625.3500</p> <p> SIGNATURE</p> <p>Dawn C. Hayes NAME</p> <p>44,751 REGISTRATION NUMBER</p>				
July 6, 2004				